

FHA NOTATIONS

Entered in NID File

Entered on S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW WW TA

Bond released

GW OS PA

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E I E-I GR GR-N Micro

Lat. Mi-L Sonic Others

2/19/97 for



MOUNTAIN FUEL SUPPLY COMPANY

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84111 • PHONE 328-8315

L. W. FOLSOM
MANAGER, EXPLORATION

June 14, 1966

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

We respectfully request your consideration of our application for exception to the requirements of Rule C-3 (a) and (b) for a well to be drilled in Section 15, Township 26 South, Range 4 East, Sevier County, Utah. This exception is being requested under Rule C-3 (c) (1) and (2).

A location in Section 15, Township 26 South, Range 4 East, to fit the general rules and regulations of the Oil and Gas Conservation Commission would place our proposed location in the center of the $SE\frac{1}{4}NW\frac{1}{4}$ of Section 15. This location is in an inaccessible, generally narrow, steep-walled canyon. The only accessible topographically and geologically favorable location in the area is at a point 2606 feet east from the west line and 2028 feet south of the north line, Section 15. This location is outside the limits of 500 feet from the boundary of a legal subdivision as set out in the general rules and regulations. Because of the extremely rough topography and the inaccessibility of a location that would be within the limits of the rules and regulations, we request an exception to that location above.

The requirements under Rule C-3 (c) (2) as to ownership as to oil and gas leases can be met. Mountain Fuel Supply Company is the owner of all oil and gas leases within an area of a greater radius than 660 feet of the proposed location.

A Notice of Intention to Drill will be filed from our Rock Springs office in the immediate future asking for the excepted location.

Very truly yours,

L. W. Folsom

L. W. Folsom

LWF:mdg

Request is legit rate due to topog. To make location
orthodox in SE, NW sec. 15, the well should have to be
placed in the Solomon Creek bed. PWB

STATE OF UTAH
DEPARTMENTAL MEMORANDUM

From
DEPARTMENT

DATE:

DIVISION

FILE:

To
DEPARTMENT

SUBJECT:

DIVISION

June 17, 1966

Mountain Fuel Supply Company
180 East First South
P. O. Box 11368
Salt Lake City, Utah

Attention: Mr. L. W. Folsom

Dear Sir:

In accordance with Rule C-3(c), approval to drill a well 2028' FNL and 2606' FWL of Sec. 15, T. 26 S., R. 4 E., SLBM, Sevier County, Utah, will be granted immediately upon the filing of the Notice of Intention to Drill.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF/ah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME Red Cliffs Unit
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME Unit Well
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2028' FNL, 2606' FWL, SE NW sec. 15 SESE NW At proposed prod. zone same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles SW of Emery, Utah		10. FIELD AND POOL, OR WILDCAT Red Cliffs - Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 612' 8105'	16. NO. OF ACRES IN LEASE 2167.22	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none	19. PROPOSED DEPTH 5100'	12. COUNTY OR PARISH Sevier
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 8181'		13. STATE Utah
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES ASSIGNED TO THIS WELL -
22. APPROX. DATE WORK WILL START* August 1, 1966		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13-3/8 ✓	48 ✓	510' ✓	572 sacks ✓
9-7/8	7-5/8	26.4	3830' (Cement by Co. Cement Drill)	sufficient ✓

We would like your permission to drill the subject well to an estimated depth of 5100'. Anticipated formation tops are as follows: Curtis at the surface, Entrada at 330', Carmel at 1130', Glen Canyon Group at 2130', Achinle at 3580', Shinarump at 3730', Moenkopi at 3830', Sinbad limestone at 4630', lower Moenkopi at 4750' and Kaibab at 4900'. If practical, the well would be drilled with air. The casing program may be altered subject to conditions in the hole.

Unorthodox location approved due to topog - see back of original letter of inquiry - CMB

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED B. W. Croft TITLE General Manager, Production and Transmission DATE June 21, 1966

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Red Cliffs Unit	
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME Unit Well	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME Unit Well	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2028' FNL, 2606' FWL, SE NW sec. 15 At proposed prod. zone same		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles SW of Emery, Utah		10. FIELD AND POOL, OR WILDCAT Red Cliffs - Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 612' 8105'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M	
16. NO. OF ACRES IN LEASE 2167.22		12. COUNTY OR PARISH Sevier	
17. NO. OF ACRES ASSIGNED TO THIS WELL 2167.22		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none		19. PROPOSED DEPTH 5100'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* August 1, 1966	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 8181'		22. APPROX. DATE WORK WILL START* August 1, 1966	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½	13-3/8	48	510'	572 sacks
9-7/8	7-5/8	26.4	3830'	sufficient

We would like your permission to drill the subject well to an estimated depth of 5100'. Anticipated formation tops are as follows: Curtis at the surface, Entrada at 330', Carmel at 1130', Glen Canyon Group at 2130', Chinle at 3580', Shinarump at 3730', Moenkopi at 3830', Sinbad limestone at 4630', lower Moenkopi at 4750' and Kaibab at 4900'. If practical, the well would be drilled with air. The casing program may be altered subject to conditions in the hole.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. B. W. Croft General Manager, Production
SIGNED and Transmission DATE June 21, 1966

(This space for Federal or State office use)

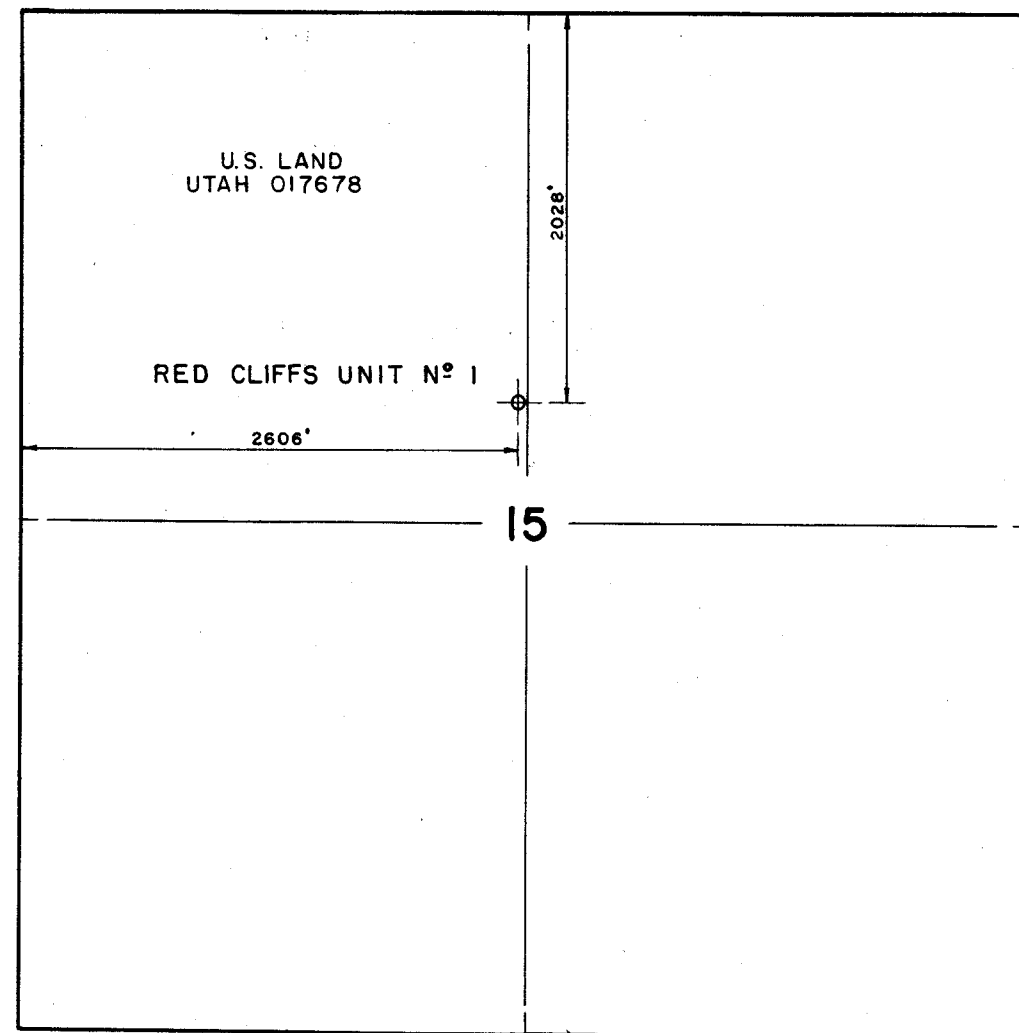
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T.26 S., R.4 E.
UTAH



ENGINEER'S AFFIDAVIT

STATE OF WYOMING }
COUNTY OF SWEETWATER } s.s.

I, K.A. Loya of Rock Springs Wyoming, hereby certify that this map was made from notes taken during an actual survey made under my direction by Uintah Engineering and Land Surveying from May 14 to May 25, 1966; and that it correctly represents the location thereon with section measurements based on the official fractional resurvey Plat of Township 26 S., Range 4 E., S.L.B. & M. Utah.

K.A. Loya
Engineer

Utah Registration No 2708

LOCATION DATA

WELL - Red Cliffs Unit Well No 1

FIELD - Red Cliffs

LOCATION

2028' From North Line

2606' From West Line

SE NW Section 15, T.26S., R.4 E. S.L.B. & M.

Sevier County, Utah

ELEVATION

8181 ground

By stadia levels from USC & GS bench mark No Q-36

SURVEYED BY

Uintah Engineering and Land Surveying - May 14 to May 25

DATE OF REPORT

June 16, 1966

REMARKS

Well elevation natural ground

REVISIONS				MOUNTAIN FUEL SUPPLY CO. ROCK SPRINGS, WYO.	
DESCRIPTION		DATE	BY		
				WELL LOCATION RED CLIFFS UNIT WELL No 1 SE NW SEC. 15, T.26S., R.4 E., S.L.B. & M. SEVIER COUNTY, UTAH	
				DRAWN: 6-15-66 JL	SCALE: 1" = 1000'
				CHECKED: <i>Rwm</i>	DRWG. NO. M-8702
				APPROVED: KAL	

**STATE OF UTAH
DEPARTMENTAL MEMORANDUM**

From
DEPARTMENT

DATE:

DIVISION

FILE:

To
DEPARTMENT

SUBJECT:

DIVISION

June 23, 1966

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Red Cliffs Unit #1,
Sec. 15, T. 26 S., R. 4 E.,
Sevier County, Utah

Gentlemen:

Please refer to our letter of June 17, 1966. Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period. Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:ah

cc: Rodney Smith, District Engineer
U. S. Geological Survey
Salt Lake City, Utah



MOUNTAIN FUEL SUPPLY COMPANY

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84111 • PHONE 328-8315

June 29, 1966

The State of Utah
Oil and Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

Attention: Mr. Cleon B. Feight

Gentlemen:

Re Well Red Cliffs Unit No. 1
Sec. 15, T. 26 S., R. 4 E.
Sevier County, Utah

This is to notify you that Mountain Fuel Supply
Company desires the information on the above well
to be held confidential.

Thank you.

Sincerely,

Victor B. Gras
Senior Development Geologist

VBG:kjc

SEP 30 1966

September 30, 1966

Mountain Fuel Supply Company
Box 1129
Rock Springs, Wyoming

Re: Red Cliffs Unit #1
Sec. 15, T. 26 S., R. 4 E.,
Sevier County, Utah

Gentlemen:

This letter is to confirm verbal approval given to
Mr. Paul Zubatch on September 30, 1966.

As per telephone conversation, this Commission has
no objection to extend the approval status for the above
named well for an additional 90 days.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kh

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Red Cliffs Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2028' FNL, 2606' FWL, SE NW sec. 15		8. FARM OR LEASE NAME Unit Well
14. PERMIT NO. -		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 8181'		10. FIELD AND POOL, OR WILDCAT Red Cliffs - Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M
		12. COUNTY OR PARISH Sevier
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Supplementary history ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 463', drilling.

Spudded November 5, 1966.

18. I hereby certify that the foregoing is true and correct

SIGNED

B.W. Goff

TITLE

General Manager, Production
and Transmission

DATE

Nov. 7, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP NOTE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat	5. LEASE DESIGNATION AND SERIAL NO. Utah 017678
2. NAME OF OPERATOR Mountain Fuel Supply Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901	7. UNIT AGREEMENT NAME Red Cliffs Unit
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	9. WELL NO. 1
	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M
14. PERMIT NO. -	12. COUNTY OR PARISH Sevier
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 8193.65' GR 8181'	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐Supplementary history ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 1236', drilling.

Landed 517.92' net, 522.72' gross of 13-3/8"OD, 48#, H-40, ST&C casing at 532.23' KBM and set with 575 sacks of regular cement. Had good returns while circulating, cementing and displacing.

18. I hereby certify that the foregoing is true and correct

SIGNED

B.W. Craft

TITLE

General Manager, Production
and Transmission

DATE Nov. 11, 1966

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 017678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Red Cliffs Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

15-26S-4E., SLB&M

12. COUNTY OR PARISH 13. STATE

Sevier

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2028' FNL, 2606' FWL, SE NW sec. 15

14. PERMIT NO.

-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 8193.65' GR 8181'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other) Supplementary history

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Depth 3259', drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED

B.W. Craft

TITLE

General Manager, Production
and Transmission

DATE

Nov. 21, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Red Cliffs Unit	
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14. PERMIT NO. -		9. WELL NO. 1	
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		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M	
		12. COUNTY OR PARISH Sevier	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary history <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 3822', drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED B. W. Craft

TITLE General Manager, Production and Transmission

DATE Nov. 28, 1966

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLAND OFFICE
LEASE NUMBER
UNIT Red Cliffs

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sevier Field Red CliffsThe following is a correct report of operations and production (including drilling and producing wells) for the month of NOV - 1966, 19 ,Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANYSalt Lake City, Utah 84111Signed E. MurphyPhone 328-8315Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					<u>B.W. Croft - Ut. 017678</u>					
<u>SE NW 15</u>	<u>26S</u>	<u>4E</u>	<u>1</u>							<u>Spudded 11-5-66</u> <u>Drilling 4,225'</u> <u>11-30-66</u>

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;
..... runs or sales of Drip Oil during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 8th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Red Cliffs Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2028' FNL, 2606' FWL, SE NW sec. 15		8. FARM OR LEASE NAME Unit Well	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 8193.65' GR 8181'		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M	
		12. COUNTY OR PARISH Sevier	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary history <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 5224', Drilling.

DST #1: 4115'-4080', IO 5 minutes, ISI $\frac{1}{2}$ hour, FO 1 hour, FSI 1 hour, opened with a strong blow continuing, reopened strong decreasing, dead in 40 minutes, no gas to surface, recovered 1734' of fresh water. IHP 2131, ISIP 801, IOFP's 474-807, FOFP's 733-877, FSIP 807, FHP 2125 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED B. M. Croft pz

General Manager, Production
and Transmission

DATE Dec. 6, 1966

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 017678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2028' FNL, 2606' FWL, SE NW sec. 15

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 8193.65' GR 8181'

7. UNIT AGREEMENT NAME
Red Cliffs Unit

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

15-26S-4E., SLB&M

12. COUNTY OR PARISH Sevier 13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Supplementary history <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 6112', drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED B. W. Croft

General Manager, Production
and Transmission

DATE Dec. 13, 1966

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved:
Budget Bureau No. 43-11434

6. LEASE DESIGNATION AND SERIAL NO.

Utah 017678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☐ OTHER ☐ Wildcat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 12 below.)
At surface

2028' FNL, 2606' FWL, SE NW sec. 15

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 8193.65' GR 8181'

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREATMENT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Supplementary history

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Depth 6389', reaming at 2070'.

DST #2: 6230'-6130', Moenkopi, IO 5 minutes, ISI $\frac{1}{2}$ hour, FO 1 hour, FSI 1 hour,
opened with extremely weak blow nearly dead in 5 minutes, no gas to surface, reopened
dead, no gas to surface, recovered 5' of drilling mud. IHP 3198, ISIP 33, IOFP's
33-33, IOFP's 33-33, FSIP 33, FHP 3198 psi.

I hereby certify that the foregoing is true and correct

SIGNED

BW Craft

TITLE

General Manager, Production
and Transmission

DATE

Dec. 19, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

12/21/66

sec 15

T 26 S }
R 4 E } Lincoln
County

Mont. Fuel

Bob Meyers - Red Cliffs

DST # 3

T.P. 6485 - Heatat 200 brack water

150 ftm bottom to DST

Top (Clock.):

Entrada - surface

Carmel - 1680

Glen Canyon - 3455

Chapline - 4975

Shinarump - 5120

Moencopse - 5160

Sanbad - 6161

Heatat - 6455

DST #1

4080 - 4115 -

1734' of brack water

not developed (tight) - shale.

DST # 2

6130 - 6230

5' of mud

brack water

DST #3 - water

6450 - 6485 → top of Heatat

6100 to 6200 top of Sanbad

~~5000 to 4900~~

5000 to 4900 base of Glen Canyon

3500 to 3400 top of Glen Canyon.

13 3/4 @ 532 cement count = ~~500~~ 482 - 582

10 ft / marker.

50' plug over Shinarump = if think necessary.

JMB

3467
↓
lots of fresh
water - stopped
air water

Sharon

3467'

FIELD Red Cliffs Unit STATE Utah COUNTY Sevier SEC. 15 T. 26S R. 4E

COMPANY Mountain Fuel Supply FARM Red Cliffs Unit WELL NO. 1

LOCATION 2028' FNL, 2606' FWL ELEV. Gr. 8181', K.B. 8193.65'

DRILLING COMMENCED November 5, 1966 COMPLETED December 21, 1966

RIG RELEASED December 23, 1966 TOTAL DEPTH 6485'

CASING RECORD 13-3/8" landed @ 532.23' with 575 sacks

TUBING RECORD _____

PERFORATIONS _____

	9		
	15		

I. P. GAS Plugged and abandoned OIL _____

SANDS _____

SHUT-IN SURFACE PRESSURES _____

REMARKS Air drilled to 3573'. Encountered large amount of water @ 3467'

	FROM	TO
Sandstone, white to clear, fine- to medium-grained, subangular, unconsolidated.	570	600
Sandstone, white, very fine-grained, subrounded, unconsolidated.	600	660
Sandstone, as above; trace of gypsum, white.	660	720
Sandstone, white to red, very fine-grained, subrounded.	720	750
Sandstone, as above; trace of red shale, soft.	750	820
Shale, red, soft, with some gypsum; sandstone, as above.	820	870
Sandstone, as above.	870	990
Sandstone, as above; trace of shale, red, soft.	990	1020
Shale, red, soft to firm.	1020	1050
Sandstone, as above; trace of shale, as above.	1050	1080
Shale, as above; with some gypsum; sandstone, as above.	1080	1110
Shale, as above; siltstone, red, firm to unconsolidated; trace of gypsum.	1110	1260
Siltstone, as above; shale, as above.	1260	1320
Siltstone, as above; trace of shale, as above.	1320	1380
Siltstone, as above; trace of limestone, green to grey, micro-crystalline.	1380	1410
Siltstone, as above; trace of shale, as above.	1410	1530
Siltstone, as above; shale, as above.	1530	1620
Siltstone, as above; shale, as above; trace of sandstone, white, very fine-grained, hard to tight.	1620	1650
Siltstone, as above; shale, as above; gypsum, white.	1650	1680
Siltstone, red, firm to unconsolidated, green, firm, calcareous; with some shale, as above.	1680	1710
Siltstone, green, firm to friable, calcareous.	1710	1770
10' samples 1770' to total depth		
Siltstone, as above; sandstone, white, very fine-grained, tight, with some colored grains; trace of shale, green, silty, calcareous.	1770	1790
Siltstone, as above; shale, green, silty in part, calcareous.	1790	1810
Shale, as above; siltstone, as above.	1810	1880
Shale, as above; siltstone, as above; gypsum, white.	1880	1950
No samples.	1950	1960
Shale, as above; siltstone, as above; trace of sandstone, white, very fine-grained, tight.	1960	1970

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 2
 FARM Red Cliffs Unit WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Shale, as above; siltstone, as above; trace of gypsum, white.	1970	2050
Shale, as above; siltstone, as above; trace of gypsum, white, trace of limestone, light brown to buff, dense, hard.	2050	2070
Shale, as above; siltstone, as above.	2070	2080
Shale, as above; siltstone, as above; gypsum.	2080	2100
No samples.	2100	2120
Shale, as above; siltstone, as above; trace of limestone, light brown to buff, dense, hard.	2120	2130
No samples.	2130	2190
Shale, as above; siltstone, as above.	2190	2220
No returns.	2220	2280
Shale, as above; siltstone, as above; trace of gypsum.	2280	2300
No samples.	2300	2310
Shale, as above; siltstone, as above; trace of gypsum.	2310	2320
No samples.	2320	2360
Shale, as above; siltstone, as above; trace of gypsum; trace of chert, red.	2360	2370
No samples.	2370	2390
Shale, as above; siltstone, as above; trace of gypsum; trace of chert, as above.	2390	2410
No samples.	2410	2430
Shale, as above; siltstone, as above; trace of gypsum; trace of chert, as above.	2430	2440
No samples.	2440	2470
Shale, as above; siltstone, as above; trace of gypsum; trace of chert, as above.	2470	2480
No samples.	2480	2500
Shale, as above; siltstone, as above; trace of chert, red and white.	2500	2510
No samples.	2510	2570
Shale, as above; siltstone, as above; trace of chert, red.	2570	2580
No samples.	2580	2590
Shale, as above; siltstone, as above; chert, red and white.	2590	2640
Siltstone, as above; siltstone, red, calcareous, soft; shale, as above; trace of gypsum; trace of chert, red and white.	2640	2660
Siltstone, green, as above; shale, as above; trace of gypsum; trace of chert, as above.	2660	2725
Siltstone, as above; shale, as above; trace of sandstone, brown, very fine-grained, tight, calcareous; trace of chert, as above; trace of gypsum.	2725	2750
Siltstone, as above; shale, as above; trace of chert, as above.	2750	2820
Shale, as above; siltstone, as above; trace of chert, as above; trace of shale, red, soft, calcareous, silty in part; trace of siltstone, brown, medium hard.	2820	2940
Shale, as above, green; siltstone, as above, green; trace of sandstone, light grey and light green, fine-grained, fairly well sorted, porous; trace of chert, as above.	2940	2950
Shale, as above; siltstone, as above; sandstone, as above; trace of limestone, brown, microcrystalline, hard; trace of chert, red; abundance of gypsum.	2950	3000
Shale, as above; siltstone, as above; sandstone, as above; trace of chert; abundance of gypsum; trace of siltstone, reddish-brown, calcareous, soft.	3000	3060
Shale, as above; siltstone, as above; sandstone, as above; limestone, brown, microcrystalline, hard; trace of chert; abundance of gypsum.	3060	3120
Shale, as above; siltstone, as above; sandstone, as above; limestone, as above; abundance of chert and gypsum.	3120	3140
Limestone, as above; sandstone, as above; siltstone, as above; shale, as above; trace of chert and gypsum.	3140	3170
Ditto; trace of shale, brown, medium hard, silty in part.	3170	3180

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 3
 FARM Red Cliffs Unit WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Limestone, as above; shale, brown, as above; sandstone, as above; shale, green, calcareous, soft, silty in part; trace of chert; trace of siltstone, as above.	3180	3260
Shale, grey, soft, calcareous; siltstone, light green, calcareous, soft, micaceous in part; limestone, as above; chert; trace of shale, as above, green; trace of shale, brown, medium hard, silty in part; trace of limestone, white, very hard, spotty.	3260	3300
Ditto; trace of sandstone, light grey to white, fine- to medium-grained, poorly sorted, hard, poorly cemented.	3300	3310
Limestone, light brown, microcrystalline, hard; limestone, white to light tan, dolomitic, very hard; shale, green, as above; siltstone, light green, as above; sandstone, as above; chert; trace of dark brown limestone, very hard, microcrystalline, dolomitic.	3310	3360
Shale, light green to light grey, soft, calcareous; siltstone, light green to light grey, soft, micaceous in part; limestone, grey, microcrystalline, hard; sandstone, white to light grey, fine-grained, fairly well sorted, silty in part, calcareous; limestone, white to light tan, very hard, dolomitic; abundance of chert; sandstone, light grey, very fine-grained, fairly well sorted, very hard, tight, slightly calcareous; trace of shale, brown, soft, calcareous.	3360	3390
Limestone, tan to brown, very hard, microcrystalline; sandstone, light grey to light brown to white, very fine-grained to medium-grained, very hard, calcareous, conglomeratic in part; dolomite, brown to grey, very hard; shale, green, as above; siltstone, light green, as above; chert; trace of sandstone, white to light grey, fine-grained, fairly well sorted, medium hard, with a trace of clear green minerals.	3390	3430
Ditto; trace of limestone, light to dark grey, oolitic, very hard, dense.	3430	3440
Limestone, tan to brown, as above; siltstone, green, as above; sandstone, white to light grey, as above; limestone, light to dark grey, oolitic, very hard, dense; shale, light to dark brown, hard, calcareous; trace of chert.	3440	3457
Shale, grey to green, soft, calcareous; siltstone, as above; limestone, tan to brown, as above; limestone, oolitic, as above; sandstone, as above, white to light grey; trace of chert.	3457	3470
Sandstone, light brown to clear, very fine-grained, fairly well sorted, very porous, H ₂ O bearing; siltstone, as above; shale, grey to green, as above; trace of chert.	3470	3480
Shale, grey to green, as above; sandstone, as above; siltstone, as above; trace of dolomite, light pink or tan, very hard; trace of chert.	3480	3510
Sandstone, light brown, very fine-grained, fairly well sorted, very porous, poorly cemented.	3510	3573
Shale, light green, soft, calcareous; siltstone, light green, soft, calcareous; trace of unknown white to light green material, noncalcareous, hard, crystalline, dolomitic in appearance; trace of sandstone, brown, hard, very fine-grained, porous; trace of chert, red; with veins of quartz.	3573	3600
Ditto; sandstone, light tan, fine-grained, well sorted, porous, poorly cemented; trace of shale, light brown, calcareous, medium hard; trace of sandstone, green, fine-grained, fairly well sorted, calcareous, soft, very porous.	3600	3610
Shale, light green, as above; siltstone, as above; shale, brown, medium hard, calcareous; trace of chert; trace of unknown white material, as above; trace of sandstone, brown; shale, medium hard, very fine-grained to fine-grained, porous.	3610	3620
Ditto; trace of shale, black, very firm, quartzitic inclusions.	3620	3630
Shale, green, as above; siltstone, as above; shale, brown, as above; sandstone, light brown, fine-grained, well sorted, porous, poorly cemented; trace of chert.	3630	3640
Shale, light green, as above; siltstone, as above; shale, black, as above; shale, brown, as above; trace of chert; trace of unknown white dolomitic material.	3640	3660
Ditto; trace of sandstone, light brown, fine-grained, fairly well sorted, very hard, tight, calcareous; trace of limestone, brown, very hard, microcrystalline.	3660	3670
Sandstone, clear to light brown, as above, trace of chert.	3670	3677
Sandstone, as above; shale, green, as above; siltstone, as above; shale, brown, calcareous; trace of chert.	3677	3700

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 4
 FARM Red Cliffs Unit WELL NO. 1
 COMPANY Mountain Fuel Supply Company

	FROM	TO
Shale, light green to light grey, soft, calcareous; siltstone, light green to light grey, calcareous, soft; sandstone, clean to light brown, as above; trace of chert; trace of shale, brown, as above.	3700	3720
Shale, medium grey, soft to firm, blocky, calcareous; shale, medium brown, silty, calcareous; sandstone, all loose clear, medium-grained quartz, well rounded, few fine grains; chert, red.	3720	3740
Shale, medium grey to medium-greyish-green, silty to clean, blocky shale, brown, as above; trace of chert, as above; sandstone, loose quartz grains, very fine- to medium-grained, subrounded, clear, (very few medium rounded quartz grains, as above); clay, white, very soft.	3740	3760
Ditto; with increase in white clay material.	3760	3770
Shale, medium grey to medium green, as above; trace of shale, brown (probably caving); trace of chert, red; sandstone, light tan, very fine- to medium-grained, subrounded to well rounded, some loose, some in clusters.	3770	3790
Ditto, increase of sandstone, fine- to medium-grained, subrounded to well rounded quartz grains, mostly loose, clear to light tan.	3790	3810
Shale, medium grey and medium-greyish-green, silty in part; some sandstone, as above; white clay, as above (noncalcareous); trace of chert; trace of brown silty shale, may be caving.	3810	3830
Ditto, increase of white clay.	3830	3850
Shale, medium grey and medium-greyish-green, clean to silty, calcareous, soft, blocky; siltstone, greyish-green, calcareous, argillaceous, soft, soft white clay, noncalcareous; few loose sand grains, as above; trace of brown shale and red chert (cavings?).	3850	3880
Ditto; increase of white clay and sandstone.	3880	3910
Shale, grey and greenish-grey, clean to silty, calcareous; some siltstone, as above; some sandstone, as above; abundance of white clay (noncalcareous), as above.	3910	3940
Ditto, decrease of white clay (to 20%), (some brown silty shale and red chert-cavings?).	3940	3970
Ditto, increase of shale.	3970	3990
Ditto, increase of white clay and sandstone, all loose grains, very fine- to medium-grained to well rounded.	3990	4030
Shale, medium greenish grey, clean to silty, calcareous, soft; siltstone, medium grey, argillaceous, calcareous, slightly micaceous; sandstone, all loose very fine- to medium-grained well rounded clear quartz grains; trace of white clay, as above.	4030	4080
Sandstone, light tan, very fine- to fine-grained, well rounded, friable, slightly calcareous, some porosity, no fluorescence; some grey shale and siltstone, as above; white clay, as above.	4080	4100
Sandstone, as above, many loose grains; siltstone, medium grey, argillaceous to arenaceous, calcareous; shale, medium grey and medium greyish-green, as above; trace of white clay, soft, earthy; trace of anhydrite.	4100	4160
Ditto, decrease of sandstone, becoming fine- to medium-grained; white clay.	4160	4186
Sandstone, as above; siltstone; shale; white clay and trace of anhydrite, as above.	4186	4194
Ditto; decrease of sandstone; increase of white clay(?).	4194	4220
Sandstone, light tan, fine-grained, well rounded, well sorted, slightly calcareous, very friable, some porosity, no fluorescence; white clay, soft, earthy; shale and siltstone, as above.	4220	4240
Sandstone, as above; shale, medium grey to medium greyish-green, clean to silty, calcareous, blocky, firm; siltstone, medium grey and medium greyish-green, slightly micaceous, argillaceous to arenaceous, calcareous; white clay, soft, earthy; trace of chert, red.	4240	4280
Ditto; sandstone, medium greenish-grey, fine- to very fine-grained, silty to argillaceous in part, calcareous, friable, subrounded, fairly well sorted, glauconitic, looks tight, no fluorescence; trace of anhydrite; trace of red chert.	4280	4310

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 5

FARM Red Cliffs Unit WELL NO. 1

COMPANY Mountain Fuel Supply

	FROM	TO
Ditto, decrease of green sandstone; trace of anhydrite.	4310	4320
Sandstone, light grey, fine-grained, well sorted, rounded, slightly calcareous, friable to hard, tight to porous in part, no fluorescence; sandstone, tan to light reddish-brown, fine-grained, well sorted, rounded, slightly calcareous, friable to hard, some porosity, no fluorescence; white clay, as above; shale and siltstone, as above.	4320	4340
Sandstone, light reddish-brown and tan, as above, mostly hard and tight; trace of anhydrite.	4340	4370
Ditto, increase of shale, medium to dark greenish-grey, silty; some sandstone, medium to greenish-grey, glauconitic in part; no light grey sandstone, as above.	4370	4400
Ditto; decrease of brown sandstone; increase of greenish-grey shale, siltstone, and grey sandstone; some white clay.	4400	4440
Shale, siltstone, and greenish grey sandstone, as above; trace of sandstone, as above; white clay, as above; trace of anhydrite.	4440	4490
Shale, medium greyish-green and medium grey, clean to silty, firm, calcareous; siltstone, medium grey, argillaceous to arenaceous, slightly micaceous, calcareous; sandstone, medium greenish-grey, silty to fine-grained, slightly micaceous, calcareous, slightly glauconitic, friable, no fluorescence, tight; sandstone, tan to light reddish-brown, fine-grained, well sorted, rounded, hard, slightly calcareous, tight, no fluorescence.	4490	4510
Sandstone, light brown to reddish-brown, fine- to very fine-grained, well sorted, rounded, friable to hard, slightly calcareous, no fluorescence; shale, as above; siltstone, as above; trace of red chert (caving?); trace of white clay, soft, earthy.	4510	4550
Ditto, abundance of shale, medium to dark brown, silty, soft, platy to blocky, calcareous.	4550	4570
Ditto, grey shale; siltstone; sandstone; brown shale and white clay; some sandstone, medium greenish-grey, fairly well sorted, fine-grained, calcareous, hard, tight; quartz and chert grains, coarse-grained.	4570	4600
Ditto, increase of reddish-brown sandstone, some becoming medium-grained, friable, no fluorescence; increase in brown silty shale; trace of quartz and red chert grains.	4600	4690
Sandstone, reddish-brown, fine-grained, fairly well sorted to silty in part, subrounded, friable, tight, no fluorescence; shale, reddish-brown, and brown, silty to clean, blocky, soft; siltstone, reddish-brown, argillaceous to arenaceous, firm; shale, greenish-grey, silty, as above, trace of angular quartz grains.	4690	4710
Ditto, increase of greenish-grey shale.	4710	4720
Shale, grey, as above; siltstone, light grey, argillaceous, slightly micaceous, calcareous, arenaceous; sandstone, light grey, fine-grained, well sorted, rounded to subrounded, friable, some porosity, no fluorescence; sandstone, reddish-brown, as above; brown siltstone and brown shale, as above; trace of white clay, soft, earthy.	4720	4740
Sandstone, reddish-brown, as above; and pinkish tan, fine-grained, well sorted, subrounded to rounded, porous, friable, no fluorescence; brown silty shale and brown siltstone, as above; trace of quartz and red chert grains, coarse-grained, angular; trace of white clay; grey shale, as above; trace of anhydrite.	4740	4790
Ditto, increase of white clay.	4790	4840
Sandstone, reddish-brown, fine- to very fine-grained, as above; shale, brown, as above; siltstone, reddish brown, as above; shale, grey, silty, as above; white clay, as above; trace of angular coarse-grained quartz and red chert.	4840	4880
Sandstone, as above; brown and grey shale, as above; increase of white clay; trace of anhydrite; quartz and red chert grains, angular coarse-grained.	4880	4990
Brown sandstone, as above; brown shale, as above; grey shale, as above; limestone, dark brownish-pink, very hard, microcrystalline, silty to argillaceous in part; chert grains, red, angular, coarse-	4990	5010

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 6
 FARM Red Cliffs Unit WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
grained; quartz grains, subangular to angular; other silicates in various colors (brown, grey, red, purple) in angular granular size particles.		
Shale, light pinkish-brown, very soft, slightly calcareous; silicates, as above, greenish-grey shale, as above; limestone, as above; quartz and chert, as above.	5010	5020
Ditto; siltstone, drab greyish-brown, argillaceous, hard, noncalcareous, mottled grey in part.	5020	5080
Shale, light pinkish brown, as above; some varicolored silicates, as above; shale, greenish-grey, as above; limestone, as above; trace of siltstone, as above.	5080	5100
Shale, pink, as above; shale, medium brown and medium greyish-maroon, firm, silty in part, blocky to platy; greenish-grey, shale, as above; trace of greenish-grey, fine-grained, hard, tight sandstone, no fluorescence.	5100	5120
Siltstone, drab greyish-maroon, argillaceous, hard, calcareous; shale, light pinkish-brown, as above; shale, medium reddish-brown, silty; shale, greenish-grey, as above; trace of varicolored silicates.	5120	5130
Ditto; with sandstone, very fine- to fine-grained, very argillaceous in part, reddish-brown, yellowish-brown, brown, maroon and grey, friable to hard, tight, no fluorescence.	5130	5160
Shale, light pinkish-brown and medium reddish-brown, as above; sandstone, as above; some grey shale.	5160	5170
Brown shale, as above; sandstone, as above, and sandstone, very fine- to medium-grained, light grey (pinkish cast), friable, micaceous, porous, noncalcareous, no fluorescence; quartz angular, clear, coarse-grained; some sandstone, light grey, fine-grained to medium-grained, friable; fairly well sorted, porous, subrounded, no fluorescence.	5170	5210
Ditto; increase in shale, medium reddish-brown (brick red) and medium pinkish-brown, micaceous, silty to arenaceous in part; trace of grey shale.	5210	5250
Ditto; increase of sandstone; brown shale, as above; trace of grey shale.	5250	5260
Ditto; shale, light greenish-grey, very soft, blocky.	5260	5270
Shale, light greenish-grey, as above; sandstone, light grey, very fine- to fine-grained, subrounded, fairly well sorted to poorly sorted, argillaceous, hard, tight, no fluorescence; reddish brown shale, as above; brown argillaceous sandstone, as above; quartz and chert grains, coarse-grained, angular.	5270	5300
Shale, light grey, soft, platy to blocky, micaceous, noncalcareous, few carbonaceous streaks, silty in part; sandstone, light green, fine-grained, fairly well sorted, micaceous, calcareous, friable, silty, tight; sandstone, light grey, fine- to medium-grained, fairly well sorted, subangular, noncalcareous, micaceous, hard, tight; some reddish brown shale, as above; some quartz and chert grains.	5300	5330
Ditto; shale, grey, as above, contains medium size angular sand particles of brown shale, micaceous; trace of coal with fine disseminated pyrite.	5330	5370
Ditto; shale, medium to dark grey, carbonaceous, platy to fissile, pyritic in part.	5370	5390
Shale, medium to dark grey, firm, platy; shale, grey to green, firm, silty; abundance of quartz and chert grains, subangular, very coarse-grained, clear to milky.	5390	5420
Shale, as above; with siltstone, reddish brown, firm to soft, sandy, abundance of chert.	5420	5440
Siltstone, reddish brown, firm, sandy; shale, as above.	5440	5450
Siltstone, as above; with some sandstone, pink to orange, medium-grained, subrounded, firm, tight.	5450	5460

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 7
 FARM Red Cliffs Unit WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Siltstone, as above; sandstone, as above; with shale, dark grey, firm, carbonaceous; shale, grey to green, firm.	5460	5470
Siltstone, as above, abundance of chert, pink, orange; shale, grey to green, firm.	5470	5480
Ditto; with shale, dark grey, firm, platy, carbonaceous.	5480	5500
Siltstone, as above; shale, grey to green, firm.	5500	5520
Siltstone, as above; shale, as above.	5520	5550
Siltstone, as above; shale, as above; some chert, as above; some shale, dark grey, firm.	5550	5589
Sample after logging, siltstone, as above; shale, grey to green, dark grey.	5590	5600
Shale, red, firm, silty; abundance of cavings.	5600	5610
Shale, as above; chert, orange, angular, abundance of grey to green shale.	5610	5620
Shale, as above; shale, grey to green.	5620	5630
Shale, as above; shale, grey to green.	5630	5650
Shale, as above; shale, grey to green.	5650	5660
Shale, as above; abundance of chert, angular, white, orange; some shale, grey to green, dark grey.	5660	5670
Shale, red, very soft, silty; shale, as above, grey to green.	5670	5680
Shale, red, as above; shale, grey to green; chert, as above.	5680	5700
Shale, grey to green; shale, red; chert, orange.	5700	5750
Shale, red; shale, grey to green; some shale, dark grey.	5750	5760
Ditto; (one piece of shale, half green, half reddish brown?)	5760	5770
Shale, red; shale, grey to green.	5770	5790
Shale, red, firm to soft, silty; shale, grey to green.	5790	5800
Ditto; with chert, clear to milky orange.	5800	5830
Shale, red, firm to soft, silty; shale, grey to green, firm, stylolitic; abundance of clear to orange chert; trace of sandstone, white, very fine-grained, tight.	5830	5870
Shale, grey to green, firm, silty; abundance of chert, clear, orange; trace of shale, red; trace of sandstone, as above; trace of shale, dark grey.	5870	5890
Shale, grey to green, as above; shale, red to dark red, soft to firm, silty to sandy in part; abundance of chert, as above; trace of sandstone, as above; trace of shale, dark grey.	5890	5910
Shale, red, as above; shale, grey to green; abundance of chert, clear to orange.	5910	5930
Shale, red, as above; shale, grey to green; shale, dark grey; chert, as above.	5930	5940
Shale, red, firm; shale, grey to green; chert, angular, clear to orange; siltstone, reddish brown, calcareous, soft to firm, sandy.	5940	5960
Shale, red; siltstone; shale, grey to green.	5960	5970
Shale, grey to green; shale, red; siltstone.	5970	5980
Shale, grey to green; siltstone, as above; chert, as above.	5980	6010
Siltstone, as above; shale, grey to green; some shale, dark grey, carbonaceous.	6010	6020
Ditto; with some sandstone, red, very fine-grained, firm, subangular, tight, calcareous, silty.	6020	6040
Siltstone, as above; chert, as above; shale, grey to green; sandstone, red, very fine-grained, subangular, tight, calcareous, silty.	6040	6080
Siltstone, as above; shale, grey to green, as above; chert.	6080	6110
Siltstone, as above; shale, grey to green; shale, medium to dark grey; chert, clear to orange.	6110	6120
Shale, grey to green, firm to soft, calcareous; chert, clear to orange; siltstone, reddish-brown, silty to sandy, firm; sandstone, white, very fine-grained, subangular, tight, firm; shale, dark grey, firm.	6120	6140
Siltstone, as above; shale, as above; chert, as above.	6140	6172

FIELD Red Cliffs Unit SEC. 15 T. 26S R. 4E PAGE 8
FARM Red Cliffs Unit WELL NO. 1
COMPANY Mountain Fuel Supply

	<u>FROM</u>	<u>TO</u>
Limestone, white to medium grey, hard, sandy in part, black inclusions in part, microcrystalline in part; shale, as above; siltstone, as above.	6172	6180
Limestone, white to medium grey, hard, microcrystalline, some black inclusions; shale, grey to green, firm to soft, very calcareous.	6180	6230
Limestone, white to medium grey, firm to hard, microcrystalline in part, looks sandy in part; trace of chert, orange; siltstone, red, as above; shale, grey to green, as above.	6230	6293
Shale, reddish-brown, firm, sandy to silty in part.	6293	6370
Siltstone, reddish-brown, firm.	6370	6390
Siltstone, as above; shale, as above; trace of chert, orange.	6390	6440
Siltstone, as above; dolomite, white, pyritic, hard.	6440	6460
Shale, grey, calcareous; with some shale, as above; dolomite, as above; chert, white; trace of limestone, light grey, argillaceous.	6460	6480
Shale, as above; chert, as above; limestone, as above; dead oil on the chert.	6480	6485

OCA-EGM-CTC:kjc
9/14/67

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Red Cliffs Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2028' FNL, 2606' FWL, SE NW sec. 15		8. FARM OR LEASE NAME Unit Well	
14. PERMIT NO. -		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 8193.65' GR 8181'		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M	
		12. COUNTY OR PARISH Sevier	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☒
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Supplementary history

XX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 6485', waiting on Dowell.

DST #3: 6485-6468', Kaibab, IO $\frac{1}{2}$ hour, ISI $\frac{1}{2}$ hour, FO $\frac{1}{2}$ hour, FSI 1 hour, opened with weak blow on both openings, no gas to surface, recovered 200' of brackish water. IHP 3358, ISIP 1293, IOFP's 0-90, FOFP's 19-96, FSIP 1303, FHP 3358 psi.

We would like your permission to plug and abandon the subject well as follows:

Plug No. 1: 6485-6450', 10 sacks.

Plug No. 2: 6175-6075', 30 sacks.

Plug No. 3: 5160-4950', 60 sacks.

Plug No. 4: 3500-3400', 43 sacks.

Plug No. 5: 582-482', 72 sacks, 50' in and out

Plug No. 6: 10' in the top of the surface casing.

Verbal approval was granted on December 22, 1966 by Mr. Rodney A. Smith of the U.S.G.S. and by Mr. Paul Burchell of the Utah Oil & Gas Conservation Commission during a telephone conversation with Mr. R. G. Myers of Mountain Fuel Supply Company.

18. I hereby certify that the foregoing is true and correct

SIGNED

BW Craft

TITLE

General Manager, Production
and Transmission

DATE

Dec. 23, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat - abandon		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Red Cliffs Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2028' FNL, 2606' FWL, SE NW sec. 15		8. FARM OR LEASE NAME Unit Well	
14. PERMIT NO. -		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 8193.65' GR 8181'		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-26S-4E., SLB&M	
		12. COUNTY OR PARISH Sevier	13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 6485', rig released December 23, 1966, well plugged and abandoned as follows:

Plug No. 1: 6485-6450', 10 sacks
Plug No. 2: 6175-6075', 30 sacks
Plug No. 3: 5160-4950', 60 sacks
Plug No. 4: 3500-3400', 43 sacks
Plug No. 5: 582-482', 72 sacks
Plug No. 6: 10' in the top of the 13-3/8" casing.

A regulation U.S.G.S abandonment marker will be installed at a later date.

18. I hereby certify that the foregoing is true and correct

SIGNED

BW Croft

TITLE

General Manager, Production
and Transmission

DATE

Dec. 27, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT **Red Cliffs**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Sevier** Field **Red Cliffs**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **DEC - 1966**, 19

Agent's address **P.O. Box 11368** Company **MOUNTAIN FUEL SUPPLY COMPANY**

Salt Lake City, Utah 84111

Signed **J. Murphy**

Phone **328-8315** Agent's title **DIVISIONAL CHIEF ACCOUNTANT**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW 15	26S	4E	1		A.H. Croft - Ut. 017678					Spudded 11-5-66 T.D. 6,485' P & A 12-23-66

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;
..... runs or sales of **Drip Oil** during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

January 6, 1967

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Red Cliffs Unit #1,
Sec. 15, T. 26 S., R. 4 E.,
Sevier County, Utah.

Gentlemen:

We are in receipt of your Well Completion Report and Induction - Electrical Log for the above mentioned well. However, in checking this information, it was noted that you failed to file the Borehole Compensated Sonic - Gamma Ray Log for said well.

It would be appreciated if this office could receive this log.

Thank You.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON CAMERON
RECORDS CLERK

sc

August 11, 1967

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Red Cliffs Unit #1,
Sec. 15, T. 26 S., R. 4 E.,
Sevier County, Utah.

Gentlemen:

In checking our files it was noted that this office has not as yet received the Lithology Report for the above mentioned well.

It would be appreciated if we could receive said report at your earliest convenience.

Thank you for your cooperation in this matter.

Very truly yours

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. Utah 017678	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME Red Cliffs Unit	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME Unit Well	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2028' FNL, 2606' FWL, SE NW At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO. -		DATE ISSUED -	
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 15-26S-4E., SLB&M	
12. COUNTY OR PARISH Sevier		13. STATE Utah	
15. DATE SPUDDED 11-5-66	16. DATE T.D. REACHED 12-21-66	17. DATE COMPL. (Ready to prod.) 12-23-66	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* KB 8193.65' GR 8181'
19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 6485	
21. PLUG, BACK T.D., MD & TVD Abandoned		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0'-6485'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dry and abandoned		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IE		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE 13-3/8	WEIGHT, LB./FT. 48	DEPTH SET (MD) 532.23	HOLE SIZE 17-1/2
CEMENTING RECORD 575		AMOUNT PULLED 0	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)		PACER SET (MD)
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION			
DATE FIRST PRODUCTION Abandoned		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
WELL STATUS (Producing or shut-in)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
OIL—BBL.		GAS—MCF.	WATER—BBL.
GAS—OIL RATIO			
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
GAS—MCF.		WATER—BBL.	OIL GRAVITY API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS IE log, well completion, well lithology			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>B.W. Craft</u>		TITLE <u>General Manager, Production and Transmission</u>	
DATE <u>Jan. 5, 1967</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

FORM OGCC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Red Cliffs Unit #1
Operator Mtn. Fuel Supply Co. Address Sh.C Phone 378-8315
Contractor Signal Drilling Co. Address Casper, Wyo. Phone _____
Location SE 1/4 NW 1/4 Sec. 15 T. 26 R. 4 E Sovier County, Utah.
S S

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>1502</u>	<u>- 1645</u>	<u>2" stream while air drilling.</u>	<u>Fresh</u>
2. <u>3467'</u>	<u>fill up to 1060'</u>		<u>Salty</u>
3. <u>DST 6468'-6485'</u>		<u>200' muddy brackish water.</u>	
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

NOTE:

- (a) Upon diminishing supply of forms, please inform the Commission.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Entrada 910'
Carmel 1680'
Sher Canyon Group 3455'
Chinle 4975'
Shinarump 5120'
Moenkapi 5160'
Linbad 6161'
Kaibab 6465'

2B2Tras

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

OIL & GAS CONSERVATION BOARD

Delbert M. Draper, Jr.
Chairman
Charles R. Henderson
Guy N. Cardon
Robert R. Norman
Wallace D. Yardley

348 East South Temple
Suite 301
Salt Lake City, Utah 84111

328-5771

August 11, 1967

Cleon B. Feight
Director
Paul W. Butchell
Chief Petroleum Engineer

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Red Cliffs Unit #1,
Sec. 15, T. 26 S., R. 4 E.,
Sevier County, Utah.

Gentlemen:

In checking our files it was noted that this office has not as yet received the Lithology Report for the above mentioned well.

It would be appreciated if we could receive said report at your earliest convenience.

Thank you for your cooperation in this matter.

Very truly yours

DIVISION OF OIL & GAS CONSERVATION

Sharon Cameron
SHARON CAMERON
RECORDS CLERK

SEP 26 1967

COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Red Cliffs Unit Well No. 1

Area: Red Cliffs Unit

Location: 2028 feet FNL, 2606 feet FWL, SE¹/₄NW¹/₄, Section 15, Township 26 South, Range 4 East, Sevier County, Utah

Elevation: Ground 8181 feet, Kelly Bushing 8193.65 feet

Drilling Commenced: November 5, 1966. Drilling Completed: December 21, 1966.

Rig Released: December 23, 1966.

Tops:	Curtis	Surface	Shinarump	5120 feet
	Entrada	910 feet	Moenkopi	5160 feet
	Carmel	1680 feet	Sinbad Limestone	6161 feet
	Glen Canyon Group	3455 feet	Kaibab	6465 feet
	Chinle	4975 feet		

Total Depth: 6485 feet

Casing: 13-3/8 inch landed @ 532.23 feet with 575 sacks.

Plugs: 482-582 feet, 3400-3500 feet, 4950-5160 feet, 6075-6175 feet, 6450-6485 feet

Productivity: Plugged and abandoned

Remarks: Air drilled to 3573 feet. Encountered large amount of water @ 3467 feet.

DRILL STEM TESTS

No.	Interval	Initial Flow	Initial Shut-in	Final Flow	Final Shut-in	Remarks
1.	4080'-4115'	475-624(5)	815(31)	683-812(71)	813(70)	Rec. 1734' water
2.	6130'-6230'	43-43(5)	40(30)	34-39(60)	32(60)	5' drilling mud
3.	6468'-6485'	6-48(30)	1299(30)	57-95(30)	1301(60)	200' filtrate and brackish formation water

CTC:kjc

12/30/66

cc: J. E. Adney
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